

**MONTHLY REPORT**  
**ON**  
**INDIGENOUS CRUDE OIL PRODUCTION, CRUDE OIL**  
**IMPORT AND PROCESSING**  
**&**  
**PRODUCTION, IMPORT AND EXPORT OF PETROLEUM**  
**PRODUCTS**  
**March 2024**



**Petroleum Planning & Analysis Cell**

(Ministry of Petroleum & Natural Gas)

1. In this monthly report, indigenous crude oil production, imports and processing as well as production and imports/exports of petroleum products by oil companies are analyzed to assess the domestic availability of petroleum products in the country.

## Highlights

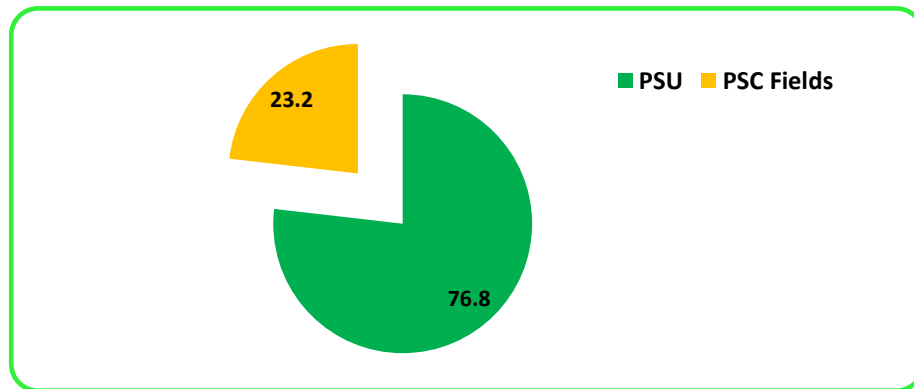
- Indigenous crude oil and condensate production during March 2024 was 2.5 MMT. OIL registered a production of 0.3 MMT, ONGC registered a production of 1.6 MMT whereas PSC/RSC registered production of 0.6 MMT during March 2024. There is a growth of 2.02% in crude oil and condensate production during March 2024 as compared to March 2023.
- Total Crude oil processed during March 2024 was 23.4 MMT which is 1.6% higher than March 2023, where PSU/JV refiners processed 16.1 MMT and private refiners processed 7.3 MMT of crude oil. Total indigenous crude oil processed was 2.3 MMT and total Imported crude oil processed was 21.1 by all Indian refineries (PSU+JV+PVT). There was a growth of 2.5 % in total crude oil processed in April March FY 2023 – 24 as compared to same period of FY 2022 – 23.
- Production of petroleum products was 24.9 MMT during March 2024 which is 1.5% higher than March 2023. Out of 24.9 MMT, 24.6 MMT was from refinery production & 0.3 MMT was from fractionator. There was a growth of 3.6 % in production of petroleum products in April March FY 2023 – 24 as compared to same period of FY 2022 – 23. Out of total POL production, in March 2024, share of HSD is 40.5 %, MS 16.6 %, Naphtha 6.7 %, ATF 6.3 %, Pet Coke 5.5 %, LPG 4.6% which are of major products and rest are shared by Bitumen, FO/LSHS, LDO, Lubes & others.
- Crude oil imports decreased by 1.1% and increased by 0.2% during March 2024 and April-March FY 2023-24 respectively as compared to the corresponding period of the previous year.
- POL products imports decreased by 11.9% and increased by 7.4% during March 2024 and April-March FY 2023-24 respectively as compared to the corresponding period of the previous year. Increase in POL products imports during April-March FY 2023-24 were mainly due to increase in imports of petcoke, fuel oil (FO) and naphtha.
- Exports of POL products decreased by 6.4% and increased by 2.3% during March 2024 and April-March FY 2023-24 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-March FY 2023-24 were mainly due to increase in exports of aviation turbine fuel (ATF), vacuum gas oil (VGO) and motor-spirit (MS).

## Part A: Production

## 2. Indigenous crude oil and condensate production

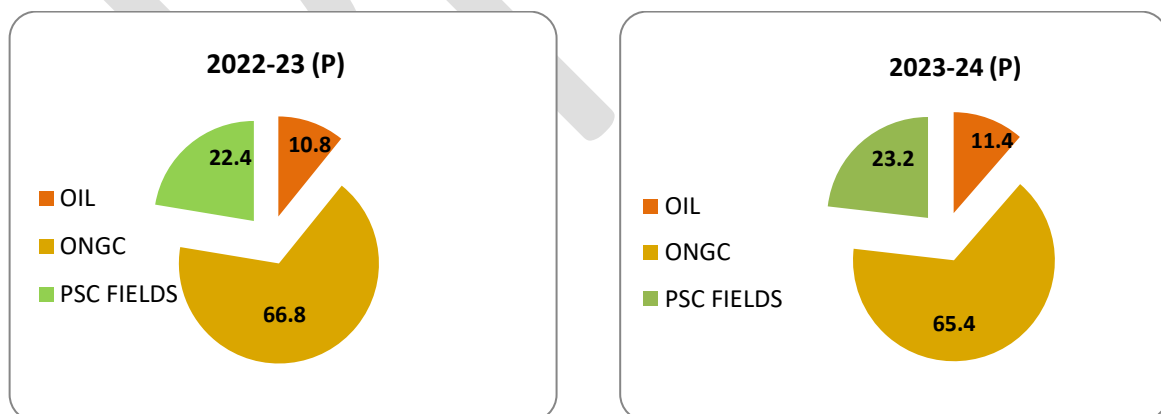
- The percentage share of PSU upstream companies and PSC fields in overall crude oil and condensate production during April-March FY 2023-24 (P) is shown in figure-1 below:

Figure-1; Percentage share in crude oil and condensate production; April – March FY 2023-24 <sup>(P)</sup>



- The comparison of percentage share of ONGC, OIL and PSC fields in total crude oil and condensate production during April - March FY 2022-23 (P) and April - March FY 2023-24 (P) is shown in figure-2 below:

Figure-2; Percentage share in crude oil production; April – March

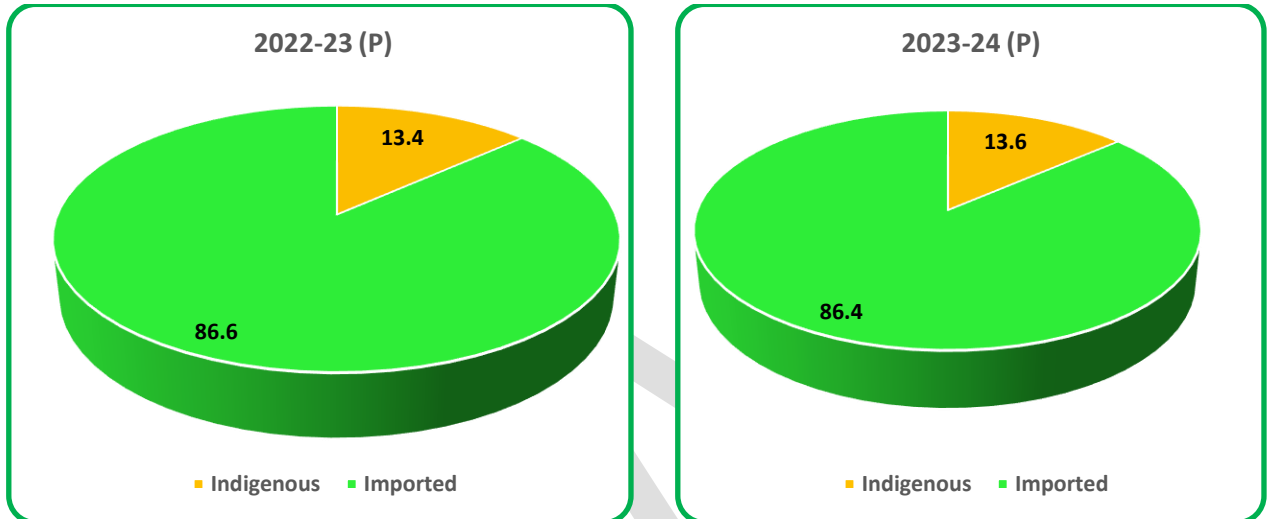


### 3. Crude oil processing by Oil Companies

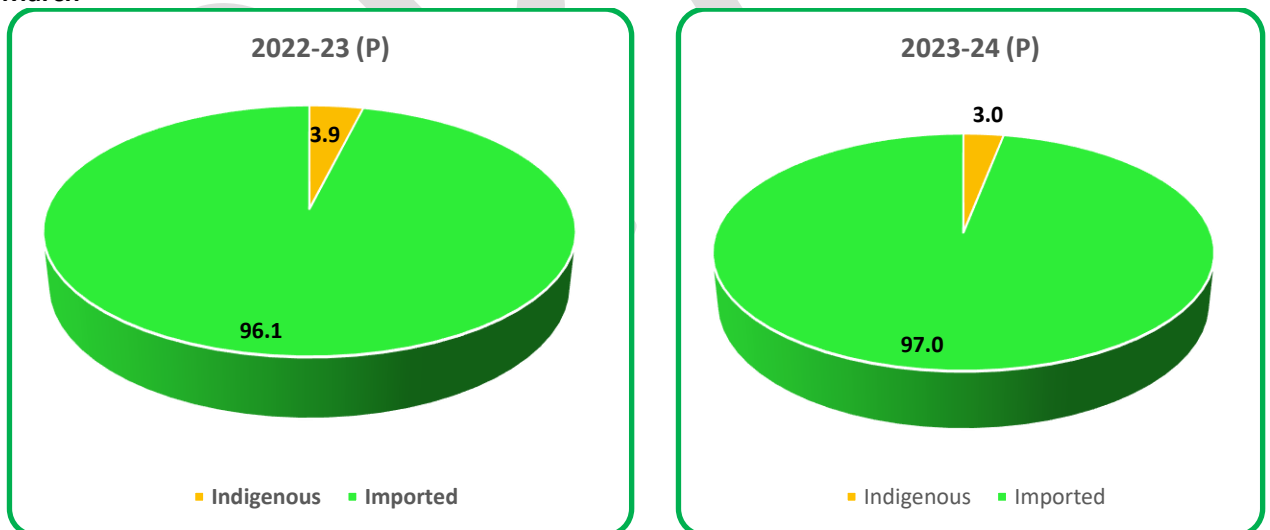
#### Analysis of crude oil processing by refineries:

- Analysis of type of crude oil processed (i.e. indigenous, imported, and low sulphur & high sulphur) in Indian refineries during April-March FY 2022-23 (P) and April-March FY 2023-24 (P) is given below

**Figure-3; Percentage share of Indigenous/imported crude oil processed in PSU/JV refineries in April - March**



**Figure-4; Percentage share of indigenous and imported crude oil processed by Private refineries: April - March**



	2022 - 23 (P)	March		April – March	
		2022-23 (P)	2023-24 (P)	2022-23 (P)	2023-24 (P)
					Qty. in MMT
High Sulphur crude (HS)	197.9	17.9	18.9	197.9	205.3
Low Sulphur crude (LS)	57.4	5.1	4.5	57.4	56.3
Total crude processed	255.2	23.0	23.4	255.2	261.5
% Share of HS crude in total crude processed	77.5%	78.0%	80.8%	77.5%	78.5%

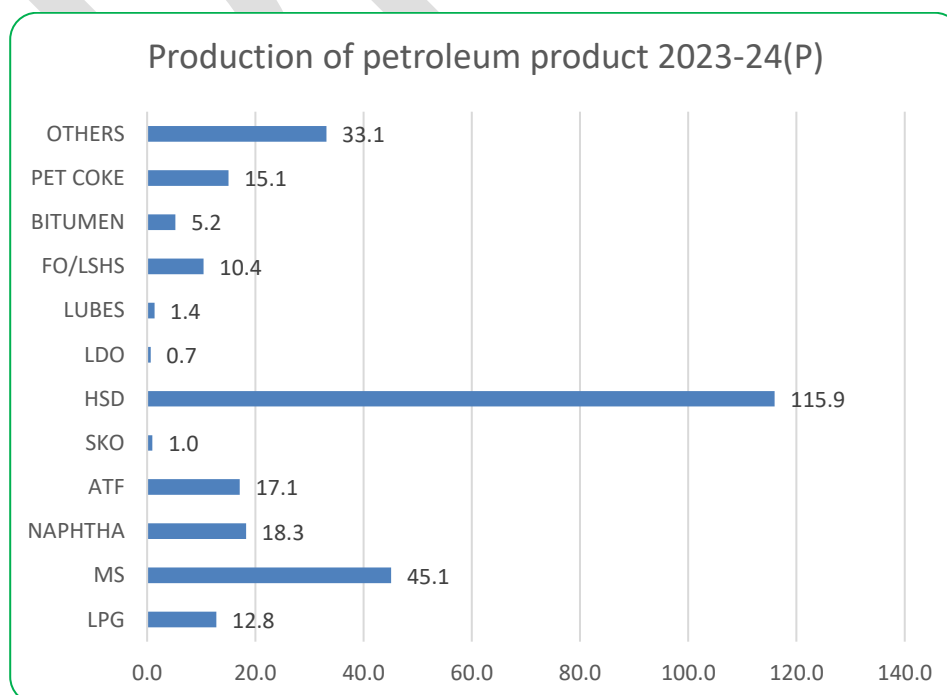
## 4. Production of Petroleum Products

Details of production of petroleum products by refineries and fractionators during March 2024<sup>(P)</sup> are given in Table-2.

Table-2; Production of petroleum products	
(Thousand Metric Tonnes)	
Products	March 2024 <sup>(P)</sup>
LPG	1009
Naphtha	1642
MS	<b>3671</b>
ATF	1447
SKO	25
HSD	<b>9492</b>
LDO	26
Lubes	88
FO	706
LSHS	82
Bitumen	523
RPC(Pet-coke)	1199
Others	2520
<b>Total</b>	<b>22429</b>

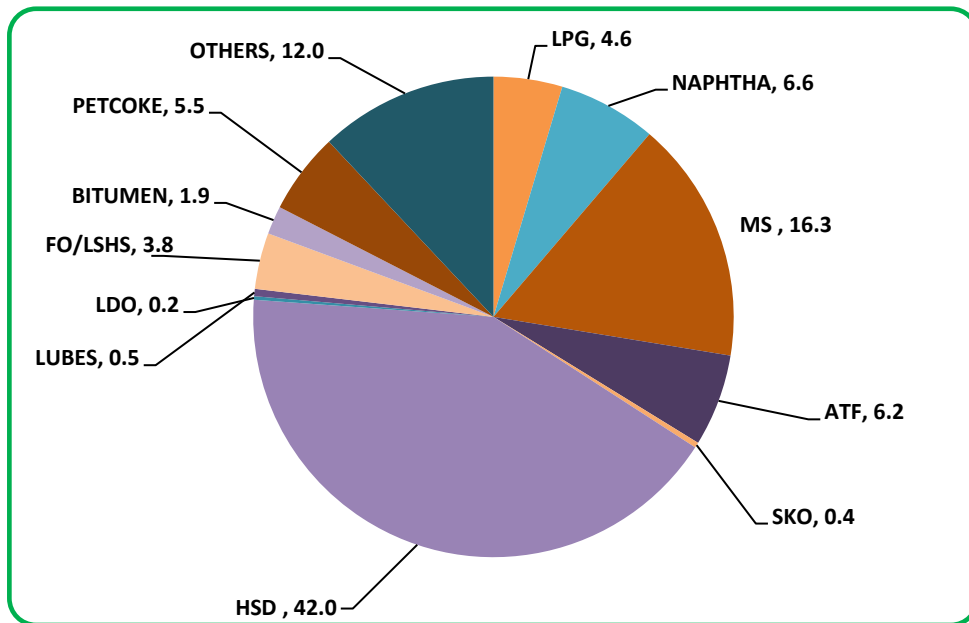
Note: (P): Provisional. Source: Oil Companies, Total may not tally due to rounding off.  
 \* Others include products like Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feedstock, Waxes, Sulphur etc.  
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel;

Figure-5; Product wise production of POL products by refineries and fractionators: April-March FY 2023-24<sup>(P)</sup>



The percentage share of various products in total POL production during April - March FY 2023-24 is shown below:

**Figure-6; Percentage share of products in total POL production: April-March 2023-24 <sup>(P)</sup>**



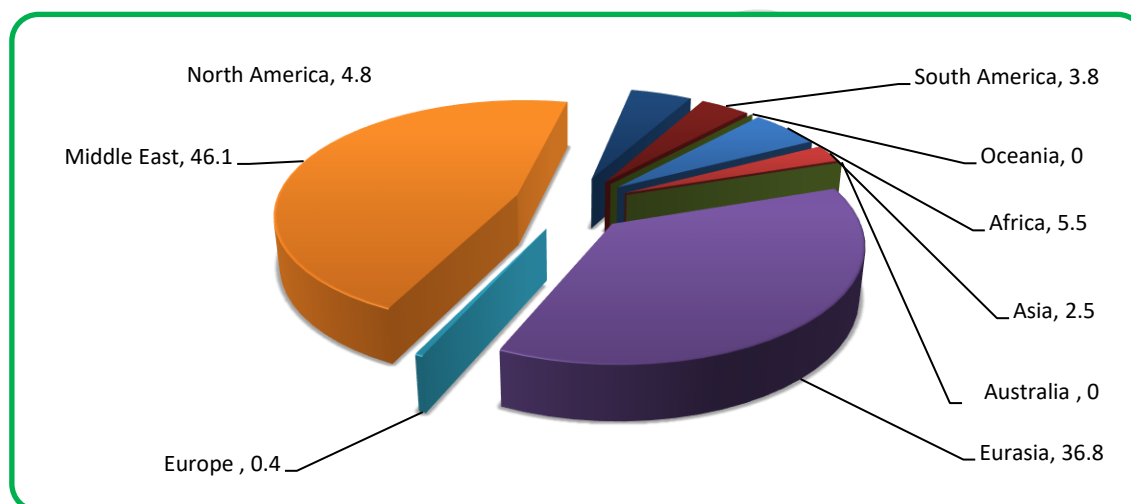
## Part B: Import /Export

## 5.a Import of Crude oil

Details of import of crude oil given in Table-3 below:

Table-3; Import of Crude oil		
<i>(Thousand Metric Tonnes)</i>		
Import	March 2024 <sup>(P)</sup>	April to March FY 2023-24 <sup>(P)</sup>
Crude Oil	20694	233118

Figure 7: Region wise percentage share (%) of crude oil during April to March FY 2023-24 (P)



- Crude oil imports decreased by 1.1% and increased by 0.2% during March 2024 and April-March FY 2023-24 respectively as compared to the corresponding period of the previous year.
- Crude oil imports from OPEC countries decreased to 50.5% of total imports during April-March FY 2023-24 as compared to 59.4% during April-March FY 2022-23.

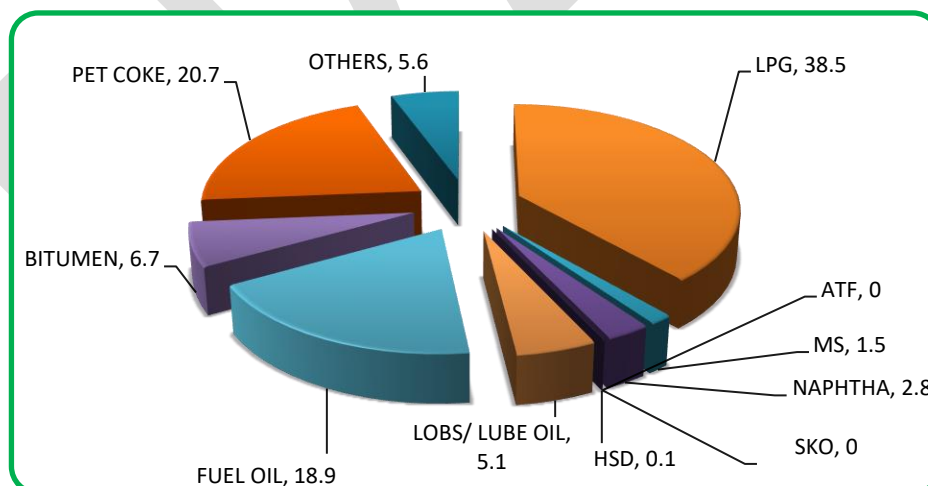
## 5.b Import Petroleum Products

Details of import of petroleum products given in Table-4 below:

Table-4; Import of Petroleum products		
(Thousand Metric Tonnes)		
Product	March 2024 <sup>(P)</sup>	April to March FY 2023-24 <sup>(P)</sup>
LPG	1589	18461
MS/ Petrol	0	717
NAPHTHA	58	1359
ATF	0	0.003
SKO	0	0
HSD	4	35
LOBS/LUBE OIL	204	2452
FUEL OIL	695	9053
BITUMEN	275	3219
PETCOKE	823	9923
OTHERS <sup>§</sup>	184	2696
<b>TOTAL IMPORTS</b>	<b>3833</b>	<b>47915</b>

Notes: (P): Provisional. Source: Oil Companies & DGCI. Total may not tally due to rounding off.  
 # Private imports are prorated for the period January-2023 to March-2024 on the basis of actual data received from DGCI for the period January-2023 to December-2023  
 § Others include Paraffin wax, Petroleum Jelly, Aviation Gas, MTBE, Reformate etc. LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel, MTBE: Methyl tert-butyl ether.

Figure 8: Percentage share of petroleum products in imports: April to March FY 2023-24 (P)



- Imports made due to deficit in production viz. LPG and Lubes/LOBS accounted for 43.6% share of total POL products import during April-March 2023-24 as compared to 45.9% during April-March 2022-23.
- Import of petcoke accounted for 20.7% of the total POL imports during April-March 2023-24. The entire quantity was imported by private importers.

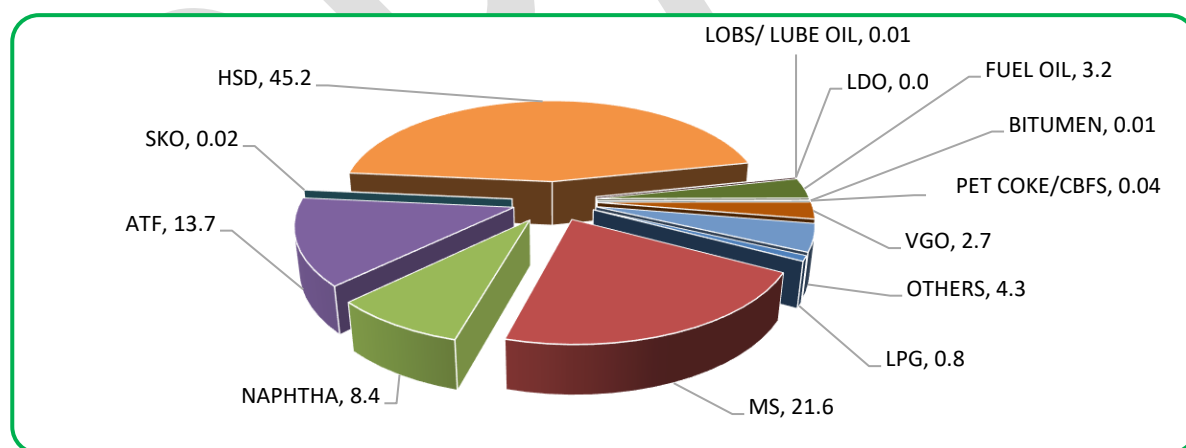
## 5.c Export of Petroleum Products

Details of export of petroleum products given in Table-5 below:

Table-5 Export of major Petroleum products		
(Thousand Metric Tonnes)		
Product	March 2024 <sup>(P)</sup>	April to March FY 2023-24 <sup>(P)</sup>
LPG	48	525
MS	1338	13461
Naphtha	498	5251
ATF	790	8579
SKO	1	11
HSD	2433	28193
LDO	0	0.1
LOBS/LUBE OIL	2	8
FUEL OIL	249	2015
BITUMEN	0	8
PETCOKE	0	28
VGO	63	1658
OTHERS <sup>#</sup>	238	2700
<b>TOTAL EXPORT</b>	<b>5659</b>	<b>62437</b>

Note: (P): Provisional. Source: Oil Companies. Total may not tally due to rounding off.  
<sup>#</sup> Other include Benzene, Hexane, MTO, Paraffin wax, Polypropylene, Sulphur etc.  
 LPG: Liquefied petroleum gas, MS: Motor spirit, ATF: Aviation turbine fuel; SKO: Superior kerosene oil, HSD: High speed diesel, LDO: Light diesel oil, VGO: Vacuum gas oil, MTO: Mineral turpentine oil

Figure 9: Percentage share of petroleum products in export: April to March FY 2023-24 (P)



- Exports of POL products decreased by 6.4% and increased by 2.3% during March 2024 and April-March FY 2023-24 respectively as compared to the corresponding period of the previous year. Increase in POL products exports during April-March FY 2023-24 were mainly due to increase in exports of aviation turbine fuel (ATF), vacuum gas oil (VGO) and motor-spirit (MS).